INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	3382-61343-01
	Application Number	10/020,708
	Filing Date	December 14, 2001
	First Named Inventor	Chen
	Art Unit	2626
	Examiner Name	Angela A. Armstrong

JUN 23 2006

U.S. PATENT DOCUMENTS

Copies of these documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Issue/ Publication Date	Name of Applicant or Patentee
AAA		2003/0115052	Jun-2003	Chen et al.
		2005/0165611	Jul-2005	Mehrotra et al.
		5,325,215	Jun-1994	Shibata et al.
		5,357,594	Oct-1994	Fielder
		5,379,351	Jan-1995	Fandrianto et al.
		5,590,066	Dec-1996	Ohki
		5,970,173	Oct-1999	Lee et al.
		5,995,539	Nov-1999	Miller
		6,029,126	Feb-2000	Malvar
		6,073,153	Jun-2000	Malvar
		6,154,762	Nov-2000	Malvar
		6,301,304	Oct-2001	Jing et al.
		6,324,560	Nov-2001	Malvar
		6,363,117	Mar-2002	Kok
		6,370,502	Apr-2002	Wu et al.
		6,473,534	Oct-2002	Merhav et al.
AAA		6,487,574	Nov-2002	Malvar

EXAMINER SIGNATURE:	/Angela Armstrong/	DATE CONSIDERED:	09/18/2006

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket Number	3382-61343-01
		Application Number	10/020,708
		Filing Date	December 14, 2001
		First Named Inventor	Chen
		Art Unit	2626
		Examiner Name	Angela A. Armstrong

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Issue/ Publication Date	Name of Applicant or Patentee
AAA		6,496,795	Dec-2002	Malvar
AAA		6,507,614	Jan-2003	Li
AAA		6,687,726	Feb-2004	Schneider
AAA		6,694,342	Feb-2004	Mou
AAA		6,701,019	Mar-2004	Wu et al.
AAA		6,728,317	Apr-2004	Demos
AAA		6,882,685	Apr-2005	Malvar

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		~~Germany~~	~~4133460 A1~~	~~Apr-1993~~	~~Blonstein et al.~~
AAA		EPO	854653	Jul-1998	Ding Wei
AAA		CA	2452343	Jan-2003	Demos
AAA		JP	2003-348598	Dec-2003	Buhaskaran et al.

EXAMINER SIGNATURE:	/Angela Armstrong/	DATE CONSIDERED:	09/18/2006

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
	Attorney Docket Number	3382-61343-01
	Application Number	10/020,708
	Filing Date	December 14, 2001
	First Named Inventor	Chen
	Art Unit	2626
	Examiner Name	Angela A. Armstrong

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
AAA		Advanced Television Systems Committee, "ATSC Standard: Digital Audio Compression (AC-3), Revision A," pp. 1-140 (August 2001).
		Arai, et al., "A Fast DCT-SQ Scheme for Images," The Transactions of the IEICE, vol. E 71, No. 11, Nov. 1988, pp. 1095-1097.
		Bjontegaard, "H.26L Test Model Long Term Number 8 (TML-8) Draft 0," *Video Coding Experts Group (VCEG)*, pp. 1-46.
		Brandenburg, "ASPEC CODING", *AES 10th International Conference*, pp. 81-90 (1991).
		Calderbank et al., "Wavelet Transforms that Map Integers to Integers," pp. 1-39 (August 1996).
		Cham, "Development of Integer Cosine Transforms by the Principle of Dyadic Symmetry," *IEE Proceedings*, Vol. 136, Pt. 1, No. 4, pp. 276-282 (August 1989).
		W. Chen, C. H. Smith, and S. C. Fralick, "A fast computational algorithm for the discrete cosine transform," *IEEE Trans. Commun.*, vol. 25, pp. 1004–1009, Sept. 1977.
		J. W. Cooley and J. W. Tukey, "An algorithm for the machine calculation of complex Fourier series," *Math. Computation*, vol. 19, pp. 297-301, 1965.
		R. Cox, "The design of uniformly and nonuniformly spaced pseudoquadrature mirror filters" *IEEE Transactions on Acoustics, Speech, and Signal Processing*, vol. 34, pp. 1090-1096, Oct. 1986.
		ISO/IEC 13818-7, "Information Technology-Generic Coding of Moving Pictures and Associated Audio Information," Part 7: Advanced Audio Coding (AAC), pp. i-iv, 1-148 (1997).
		ISO/IEC 13818-7, Technical Corrigendum 1, "Information Technology-Generic Coding of Moving Pictures and Associated Audio Information," Part 7: Advanced Audio Coding (AAC), Technical Corrigendum, pp. 1-22 (1997).
		Li et al., "On Implementing Transforms from Integers to Integers," *Department of Electrical Engineering, Princeton University*, pp. 881-885, June 1998.
		Liang et al., "A 16-bit Architecture for H.26L, Treating DCT Transforms and Quantization," *Thirteenth Meeting: Austin, Texas, USA*, pp. 1-20 (April 2001).
		Liang et al., "Fast Multiplierless Approximation of the DCT with the Lifting Scheme," *Proc. SPIE Apps. of Digital Image Procesing XXIII*, 12 pp. (August 2000).
AAA		C. Loeffler *et al.*, "Practical fast 1-D DCT algorithms with 11 multiplications," *Proc. IEEE ICASSP*, vol. 2, pp. 988–991, Feb. 1989.

EXAMINER SIGNATURE:	/Angela Armstrong/	DATE CONSIDERED:	09/18/2006

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket Number	3382-61343-01
		Application Number	10/020,708
		Filing Date	December 14, 2001
		First Named Inventor	Chen
		Art Unit	2626
		Examiner Name	Angela A. Armstrong

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
AAA		H. S. Malvar, "Biorthogonal and nonuniform lapped transforms for transform coding with reduced blocking and ringing artifacts", *IEEE Transactions on Signal Processing*, vol. 46, pp. 1043-1053, Apr. 1998.
AAA		H. S. Malvar, "Enhancing the performance of subband audio coders for speech signals", *Proc. 1998 IEEE International Symposium on Circuits and Systems*, vol. 5, pp. 98-101, June 1998.
AAA		H. Malvar, "Fast computation of the discrete cosine transform and the discrete Hartley transform," *IEEE Trans. Acoust., Speech, Signal Processing*, vol. ASSP-35, pp. 1484–1485, Oct. 1987.
AAA		O. A. Niamut and R. Heusdens, "Subband merging in cosine-modulated filter banks", IEEE Signal Processing Letters, vol. 10, pp. 111-114, Apr. 2003.
AAA		Rubino et al., "Improved Chen-Smith Image Coder," 1993 IEEE International Symposium on Circuits and Systems, ISCAS 1993, pp. 267-270, 1993.

EXAMINER SIGNATURE:	/Angela Armstrong/	DATE CONSIDERED:	09/18/2006

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.